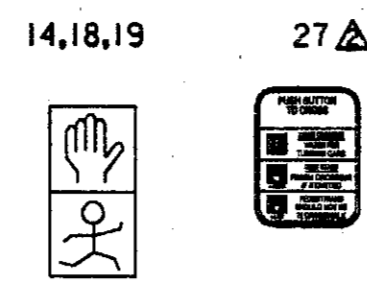


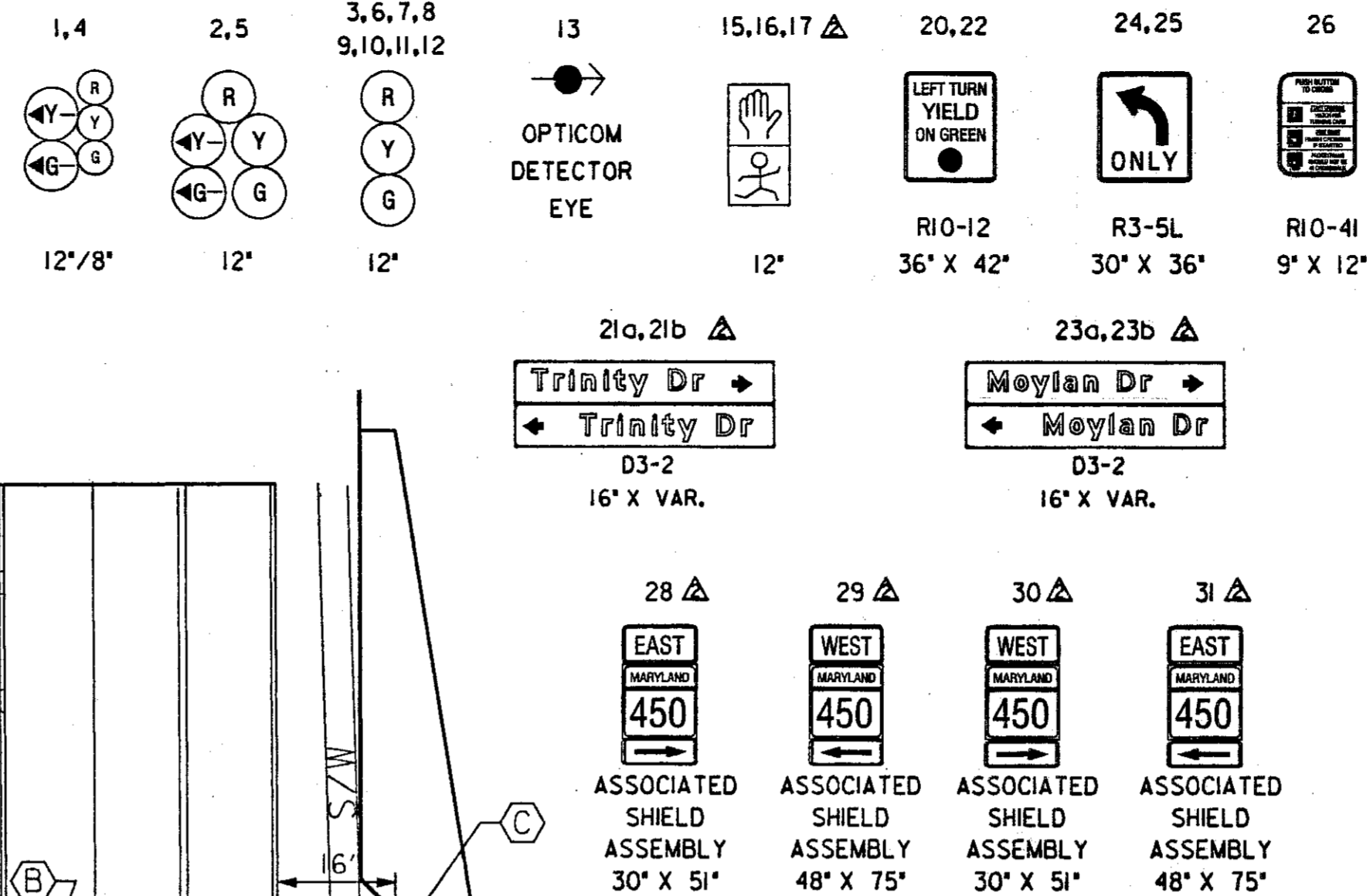
CONSTRUCTION DETAILS:

- A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
- B. USE EXISTING CONDUIT.
- C. USE EXISTING HANDHOLE.
- D. INSTALL 60 FT. MAST ARM WITH VEHICULAR SIGNAL HEADS, VIDEO TRAFFIC CAMERA, AND SIGNS. INSTALL 20 FT. LIGHTING ARM ABOVE EB APPROACH MAST ARM. ALSO CUT, CLEAN, GALVANIZE, AND CAP TRAFFIC SIGNAL STRUCTURE.
- E. INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, 60 FT. MAST ARM, VEHICULAR SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, OPTICOM DETECTOR EYE, PUSHBUTTON, AND SIGNS. INSTALL 20 FT. LIGHTING ARM ABOVE THE WB APPROACH MAST ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE. ALSO CUT, CLEAN, GALVANIZE, AND CAP TRAFFIC SIGNAL STRUCTURE.
- F. INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, 38 FT. MAST ARM, VEHICULAR SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, AND SIGN.
- G. INSTALL 50 FT. MAST ARM WITH VEHICULAR SIGNAL HEADS AND SIGN.
- H. INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
- I. INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-BORED.
- K. RELOCATE CAMERA.
- L. INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE.
- M. INSTALL MICRO-LOOP NON INVASIVE PROBE SET WITH 1000 FT. LEAD IN.
- N. REMOVE ALL EXISTING TEMPORARY SIGNALS, OPTICOM DETECTOR EYE, AND SIGNS.
- O. REMOVE SPAN WIRE AND TETHER WIRE.
- P. REMOVE EXISTING POLE.

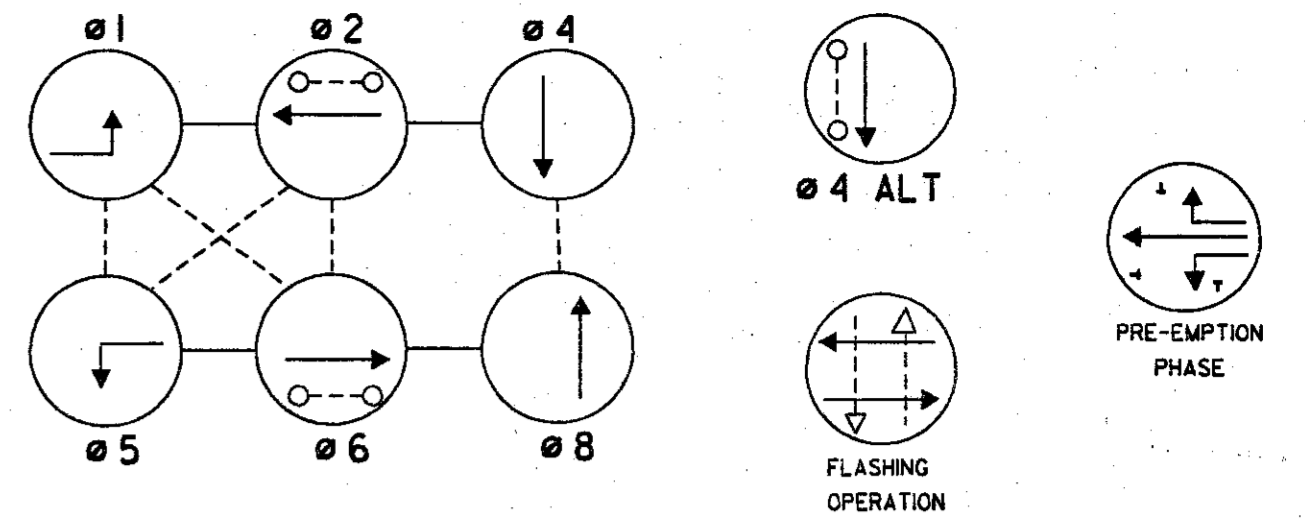
EXISTING SIGNALS



PROPOSED SIGNS/SIGNALS



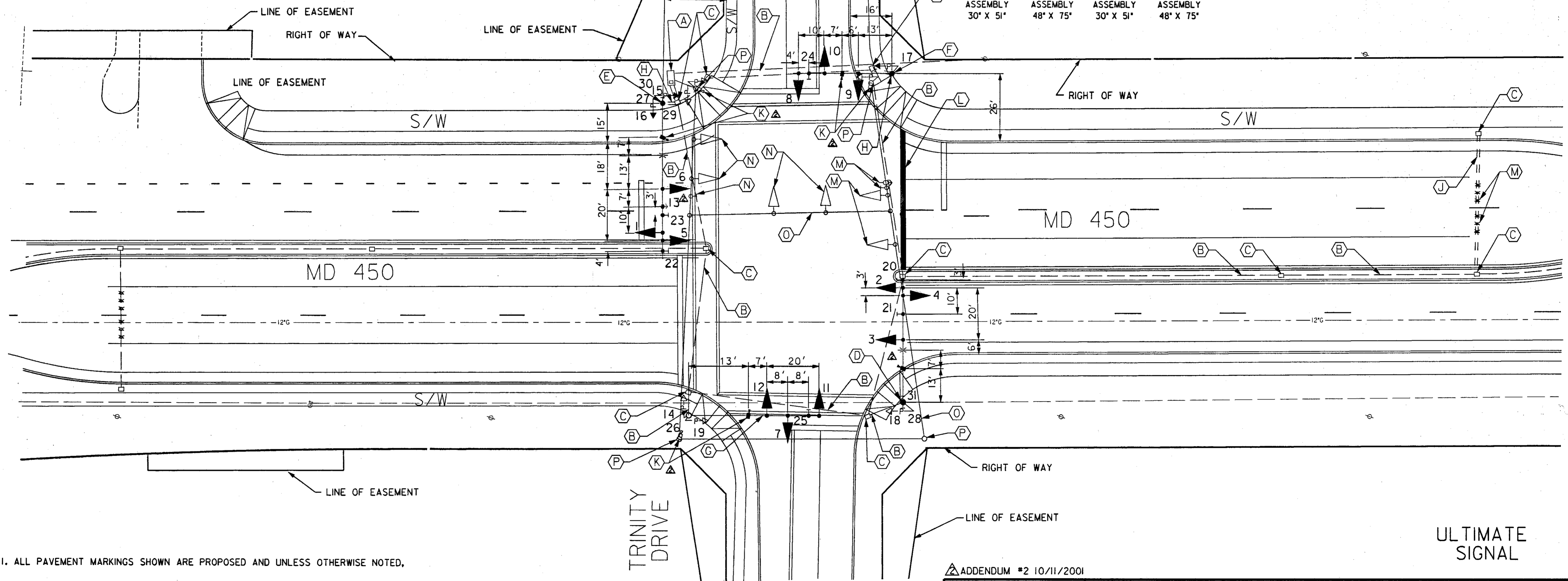
NEMA PHASING



NEMA NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

MD 450 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION.



NOTES

1. ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED BY OTHERS IN ACCORDANCE WITH S.H.A. STANDARDS

UTILITY LEGEND

- G - GAS MAIN
- W - WATER MAIN
- S - SEWER MAIN
- E - ELECTRIC CABLES
- A - AERIAL CABLES
- T - TELEPHONE CABLES

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND

ADDENDUM #2 10/11/2001

REVISIONS	APPROVALS
08/22/2001 SIGNAL MODIFICATION DUE TO RECONSTRUCTION OF MD 450	ORIGINAL
1/99 ADD OPTICOM FIRE EXEMPTION PHASING	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ON
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	FILE
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION			
MD 450 - MD 193 TO STONYBROOK DRIVE MD 450 AT TRINITY/MOYLAN DRIVE - ULTIMATE SIGNAL			
DRAWN BY: MB	F.A.P. NO. PG9005571	SEE TITLE SHEET	TS NO. TS-672C
CHECKED BY: STB	S.H.A. NO. PRINCE GEORGE'S	COUNTY: D 538	T.I.M.S. NO. D 538
SCALE: 1"=20'	LOG MILE: 11.95		
DATE: OCTOBER 2001			
			SHEET NO. 429 OF 545